

Program EVALPLOT
(Version 2021-1)

by

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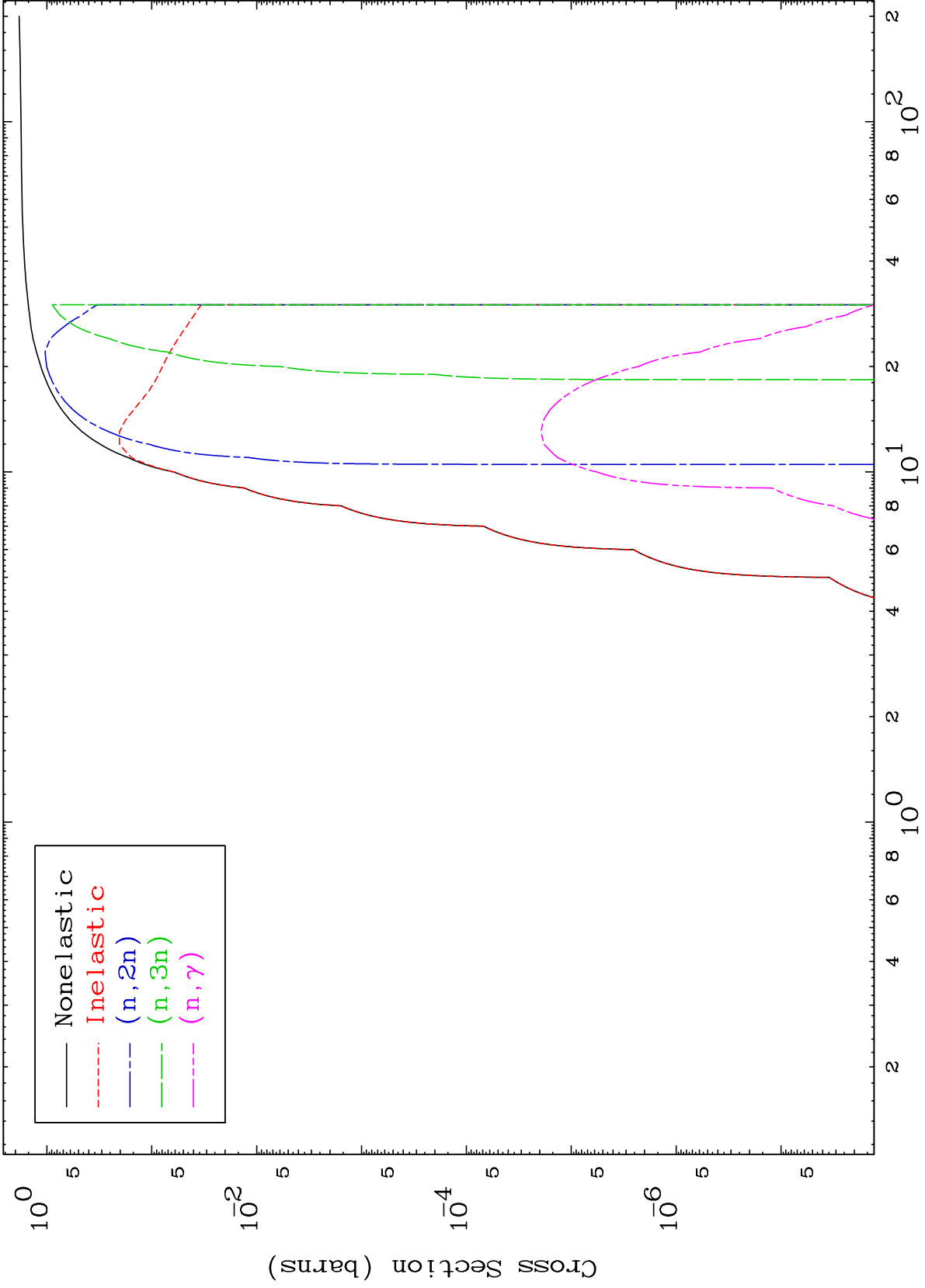
Press Mouse Button to Start

MAT 3447

α Major

34-Se-81m

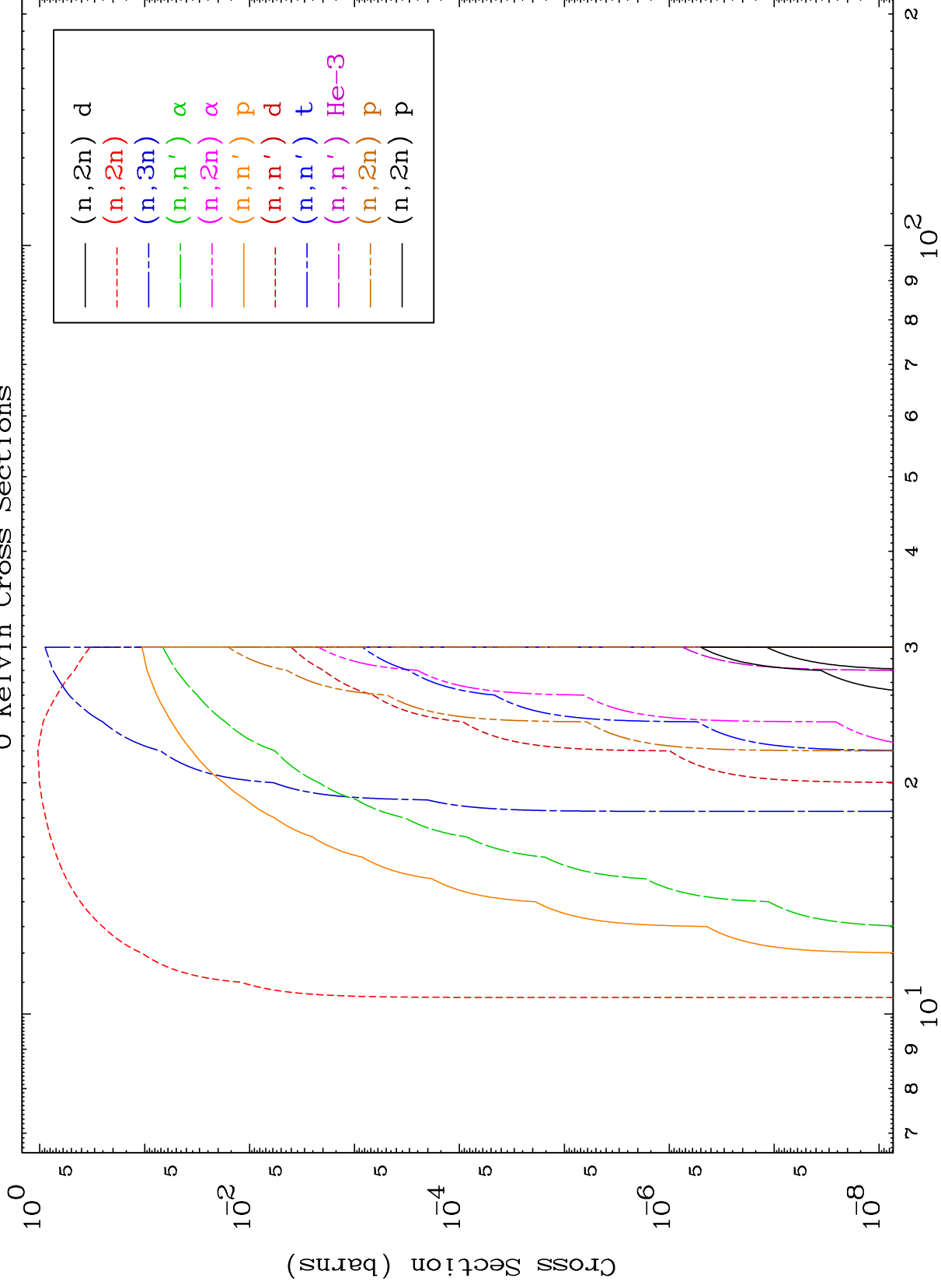
0 Kelvin Cross Sections



MAT 3447

α Neutron Absorption
0 Kelvin Cross Sections

³⁴Se-81m



2

Incident Energy (MeV)

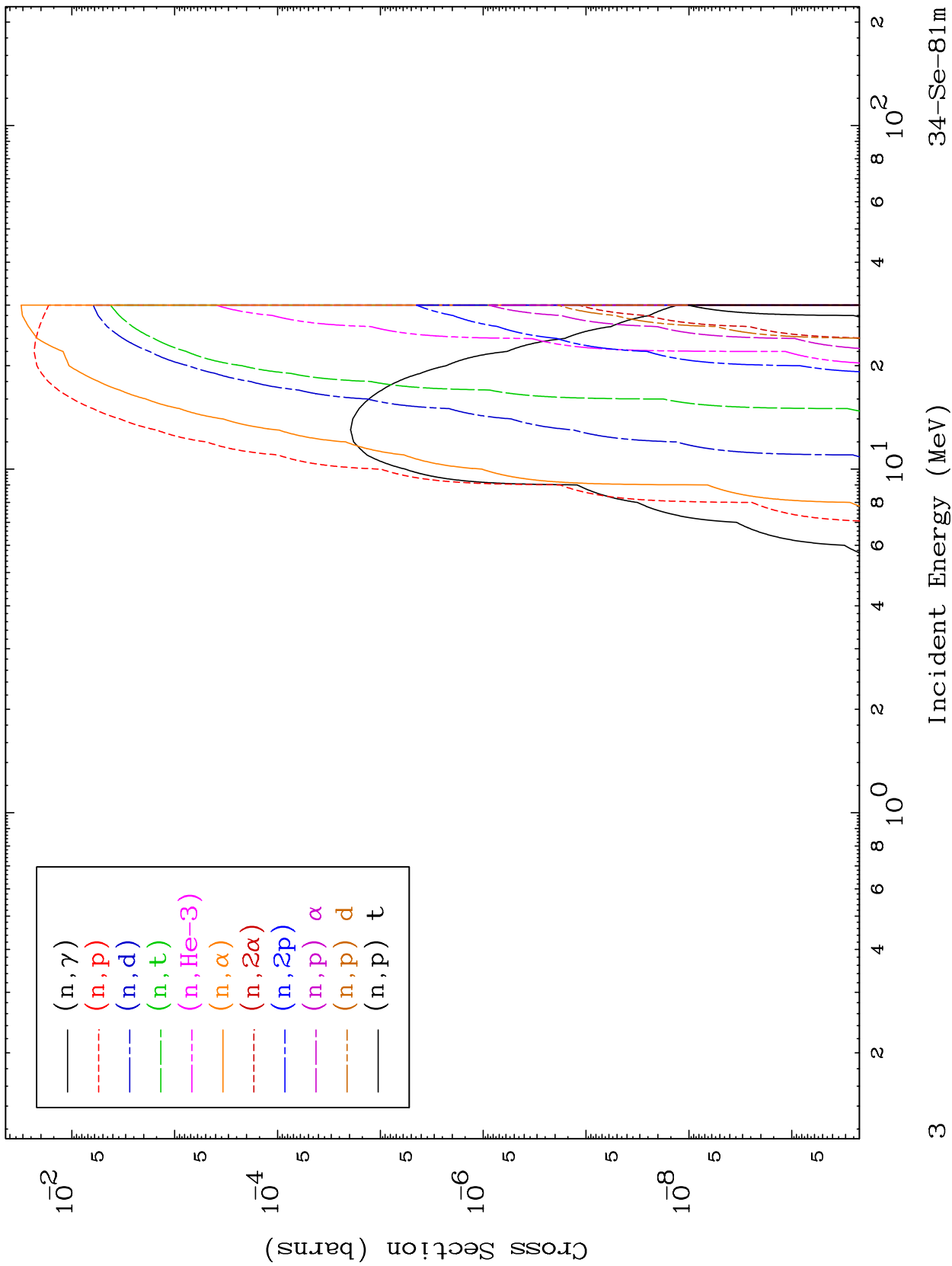
³⁴Se-81m

MAT 3447

α Neutron Absorption

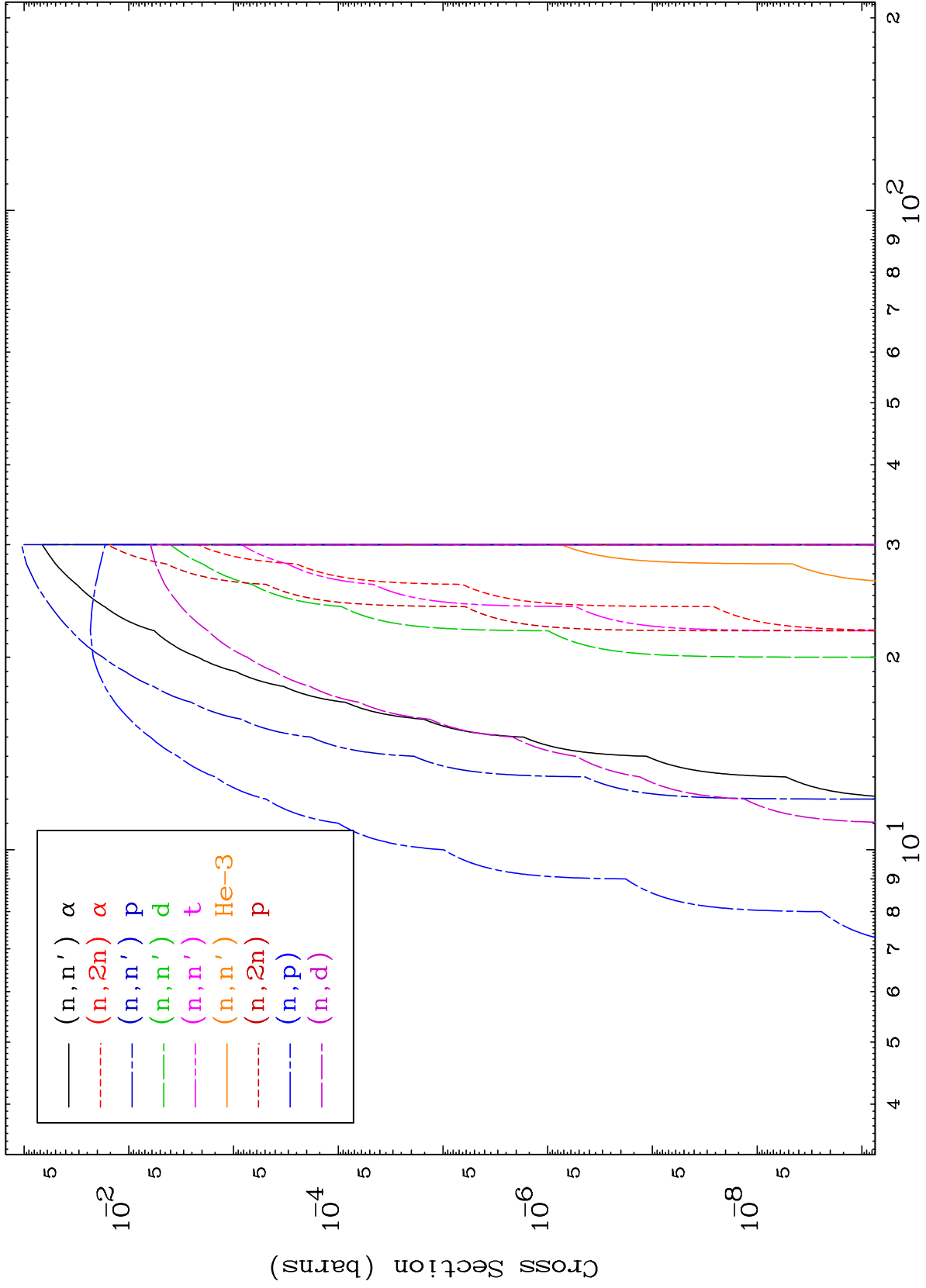
34-Se-81m

0 Kelvin Cross Sections



Incident Energy (MeV)

34-Se-81m

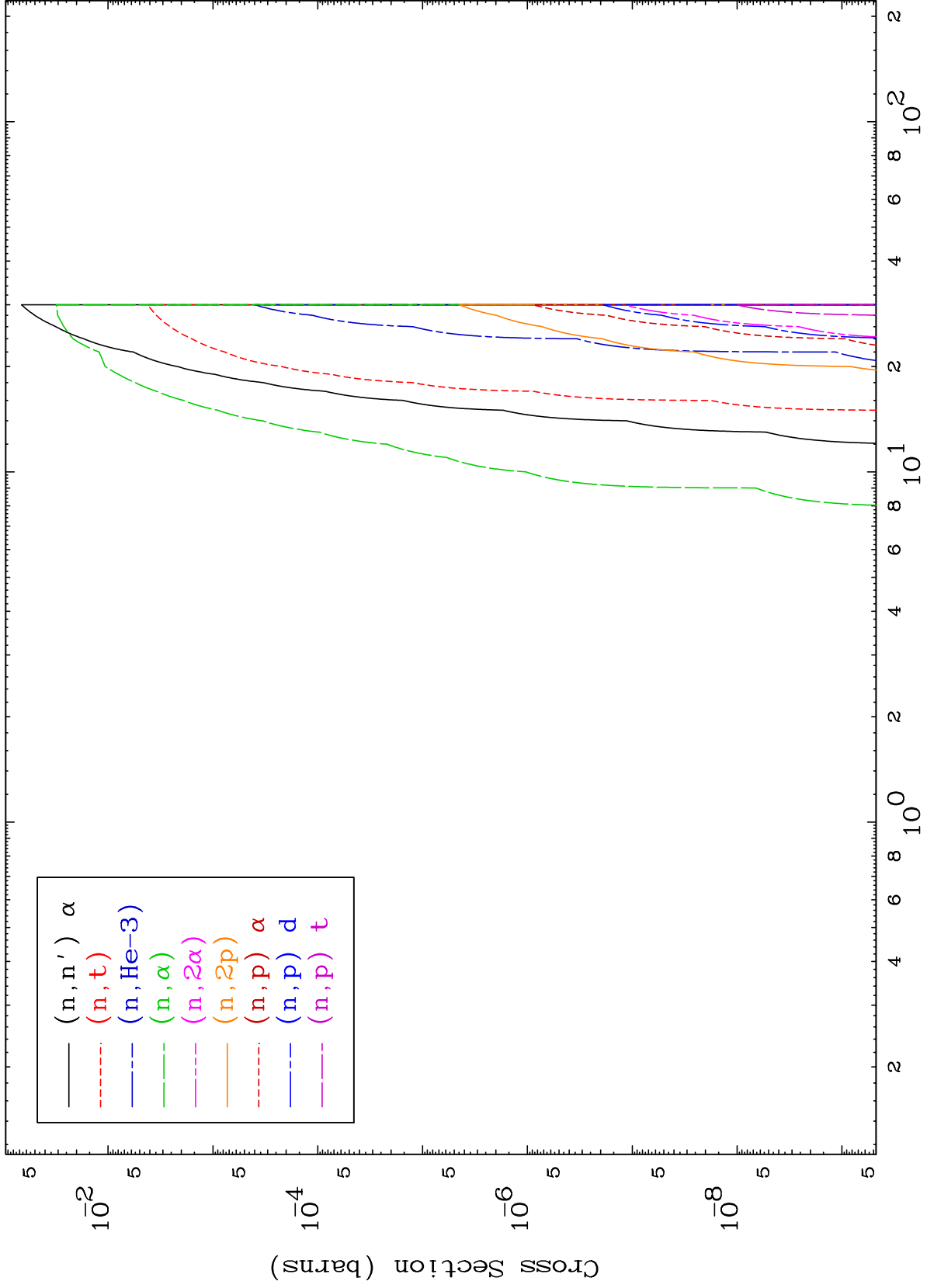


MAT 3447

α Charged Particle

34-Se-81m

0 Kelvin Cross Sections



5

Incident Energy (MeV)

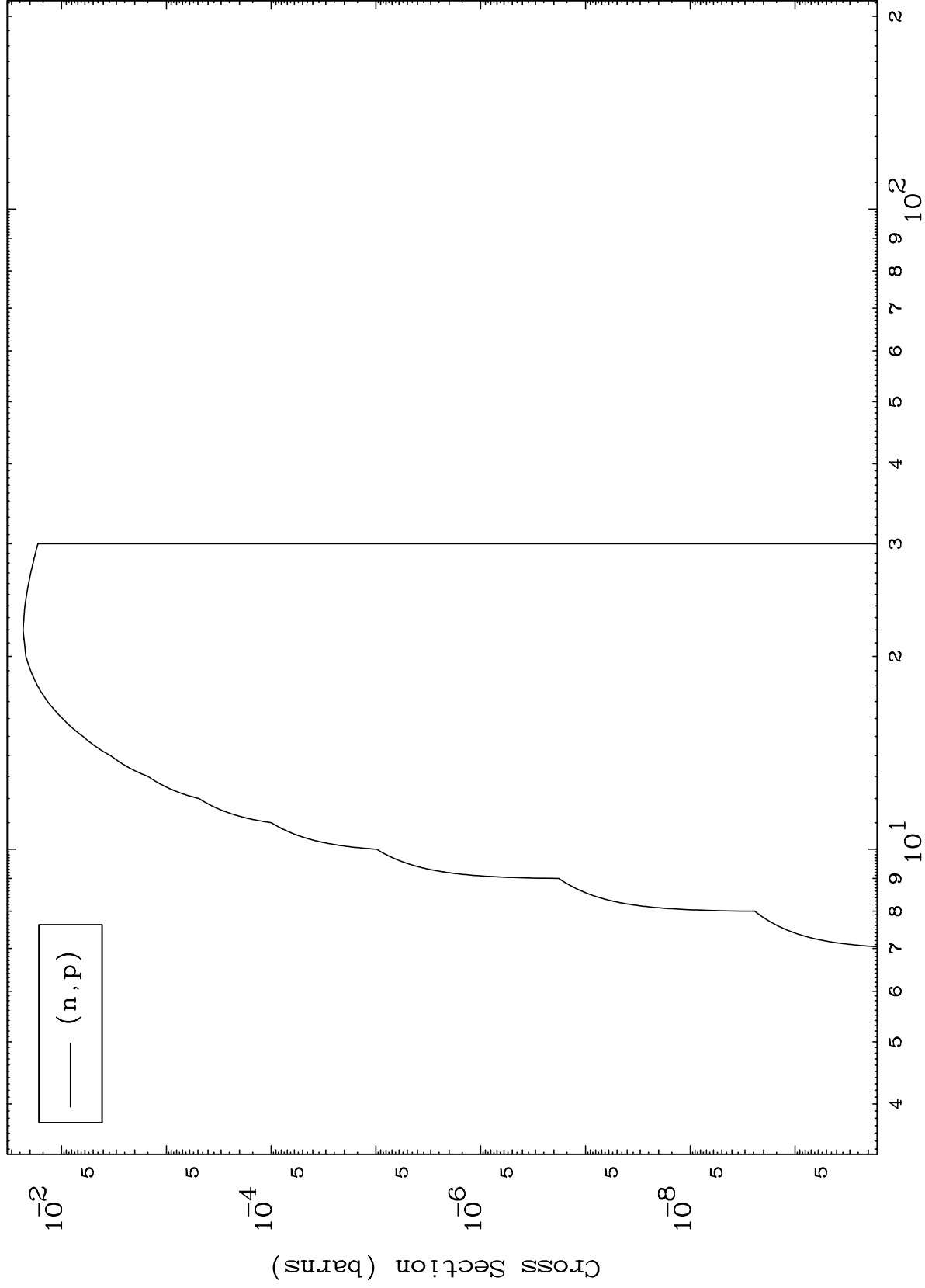
34-Se-81m

MAT 3447

(α, p) Levels

$^{34}\text{Se-81m}$

0 Kelvin Cross Sections



6

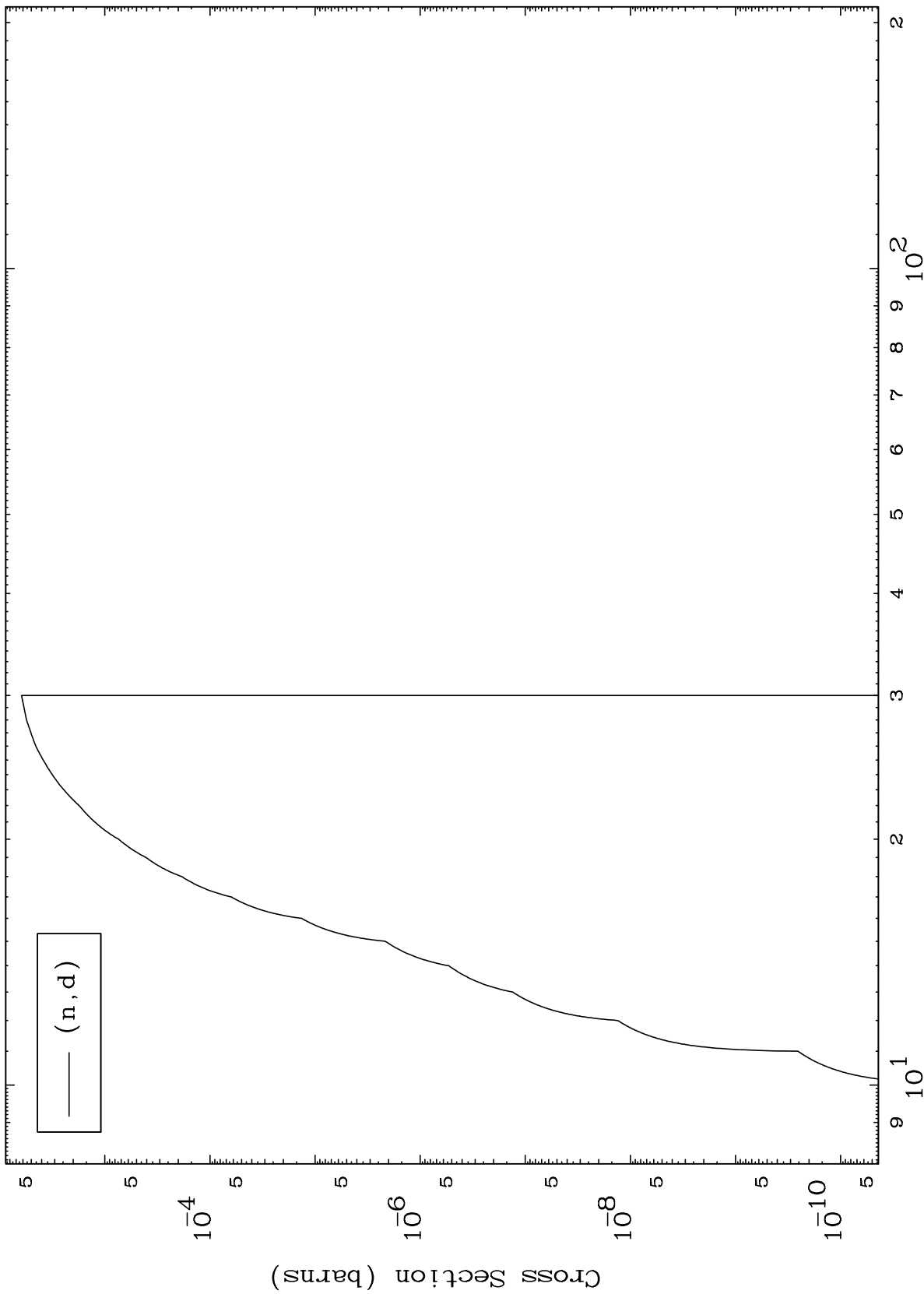
Incident Energy (MeV)

$^{34}\text{Se-81m}$

MAT 3447

(α, d) Levels
0 Kelvin Cross Sections

³⁴Se-81m



7

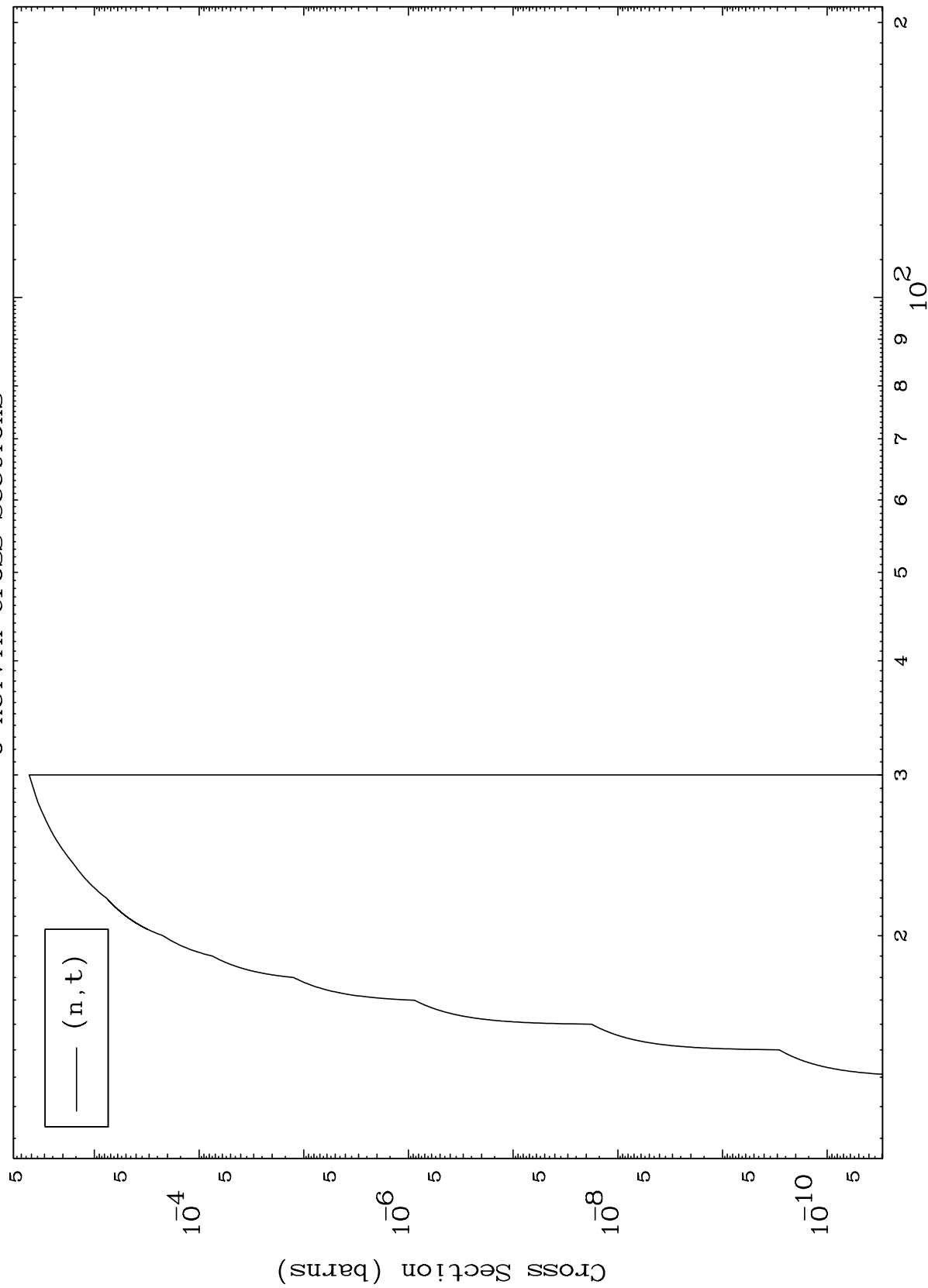
Incident Energy (MeV)

³⁴Se-81m

MAT 3447

34-Se-81m

(α, t) Levels
0 Kelvin Cross Sections

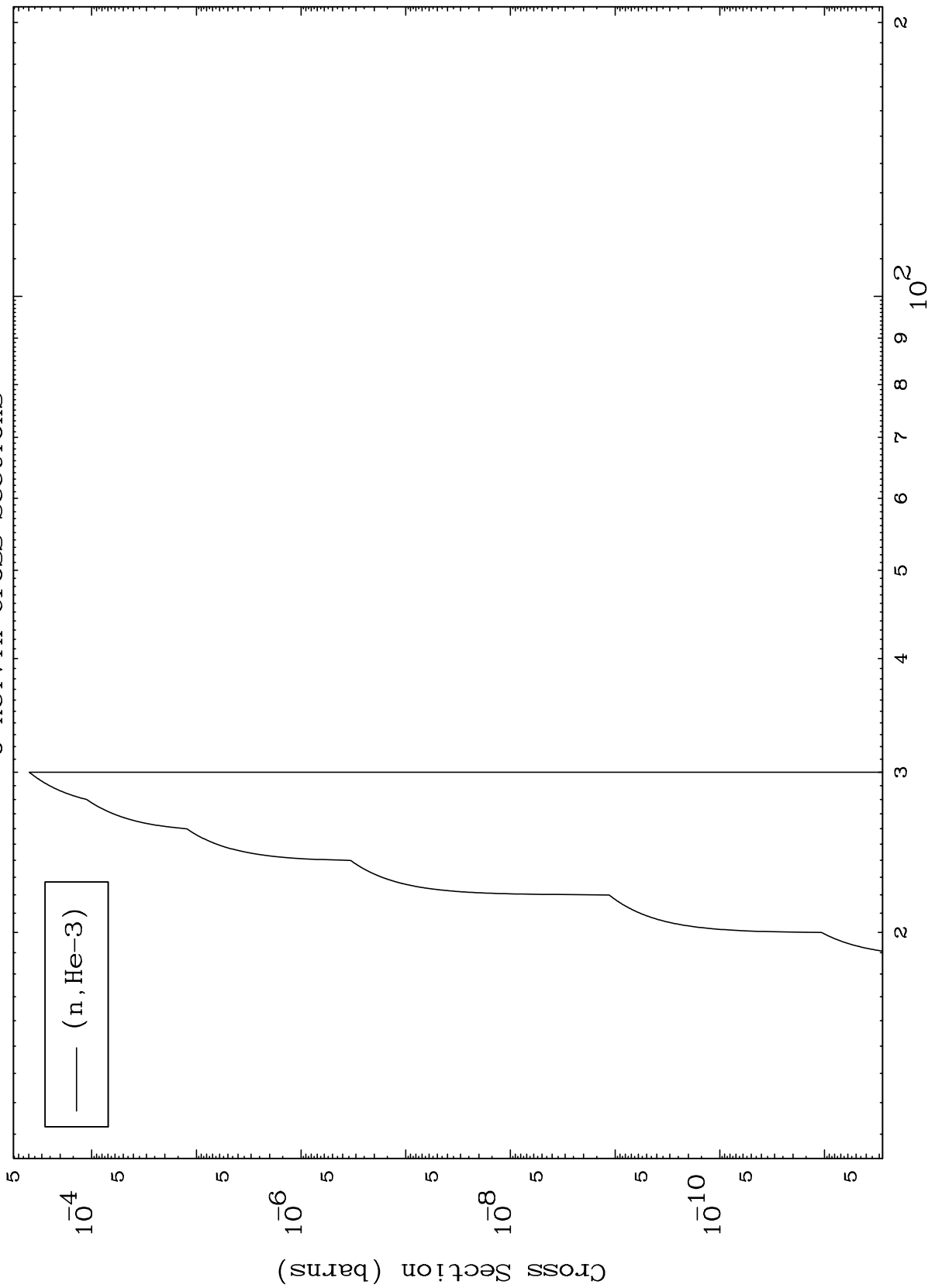


34-Se-81m

Incident Energy (MeV)

8

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

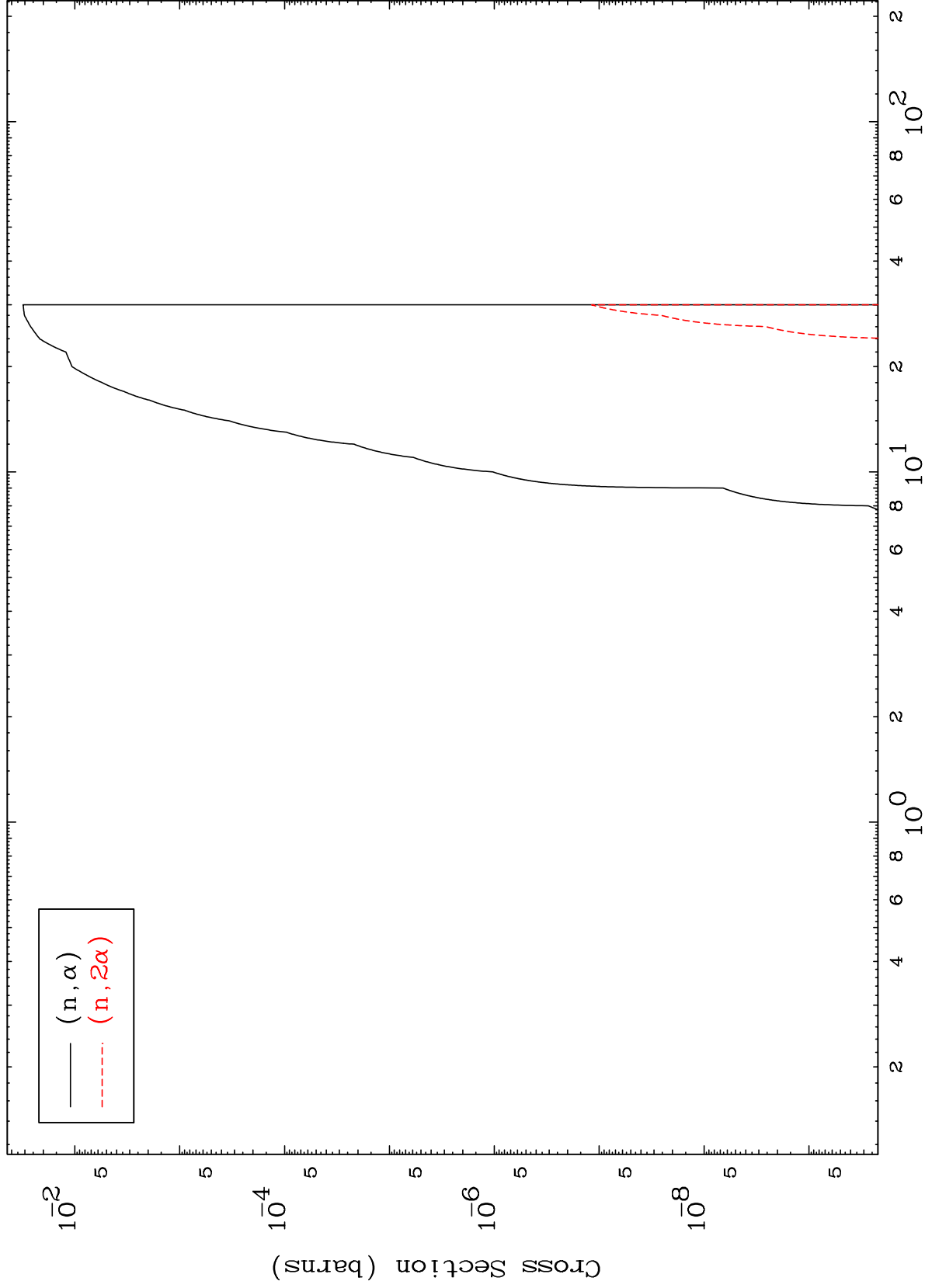


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(α, α) Levels

34-Se-81m

0 Kelvin Cross Sections



10

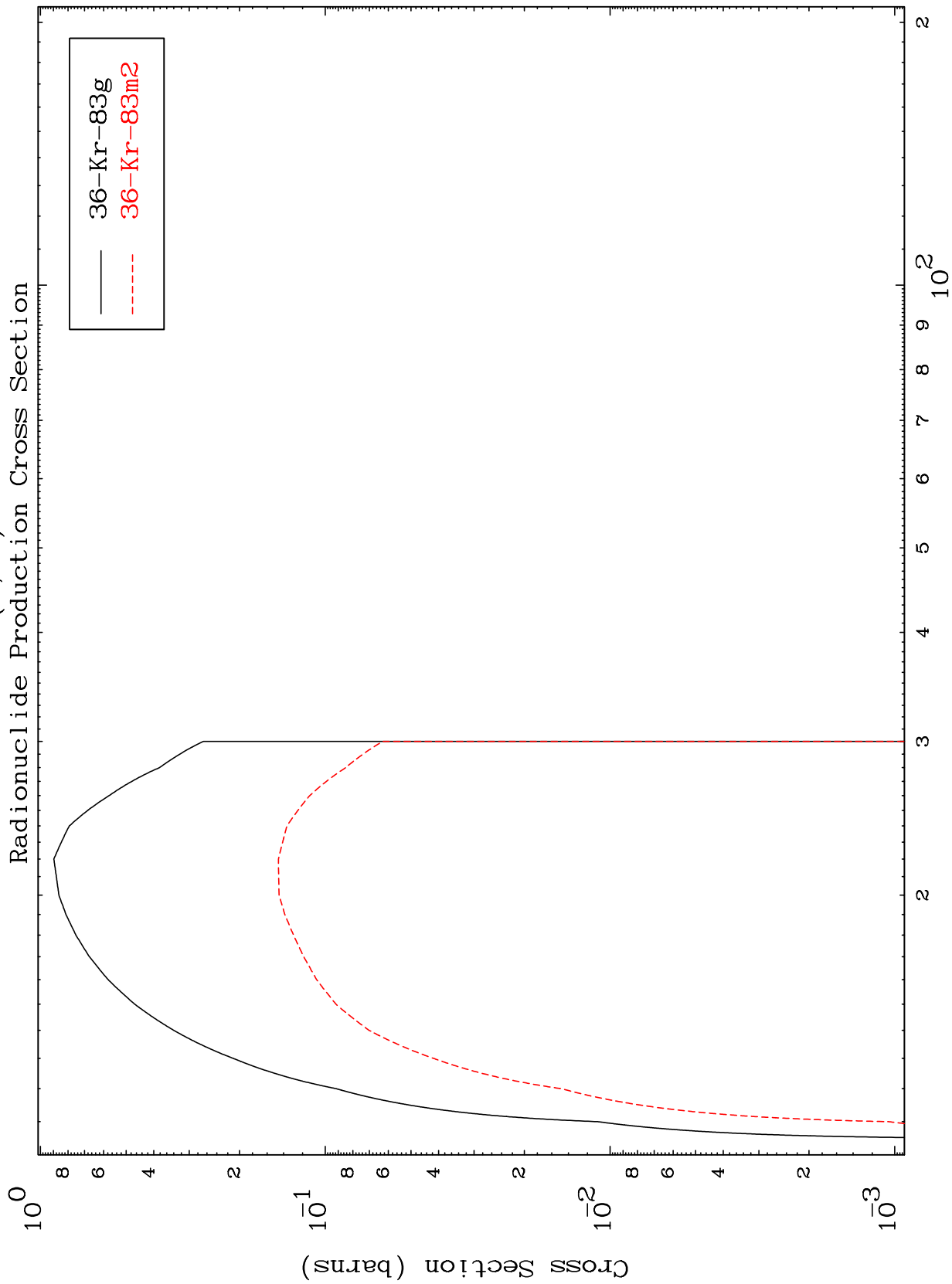
Incident Energy (MeV)

34-Se-81m

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34-Se-81m

(n,2n)
Radionuclide Production Cross Section

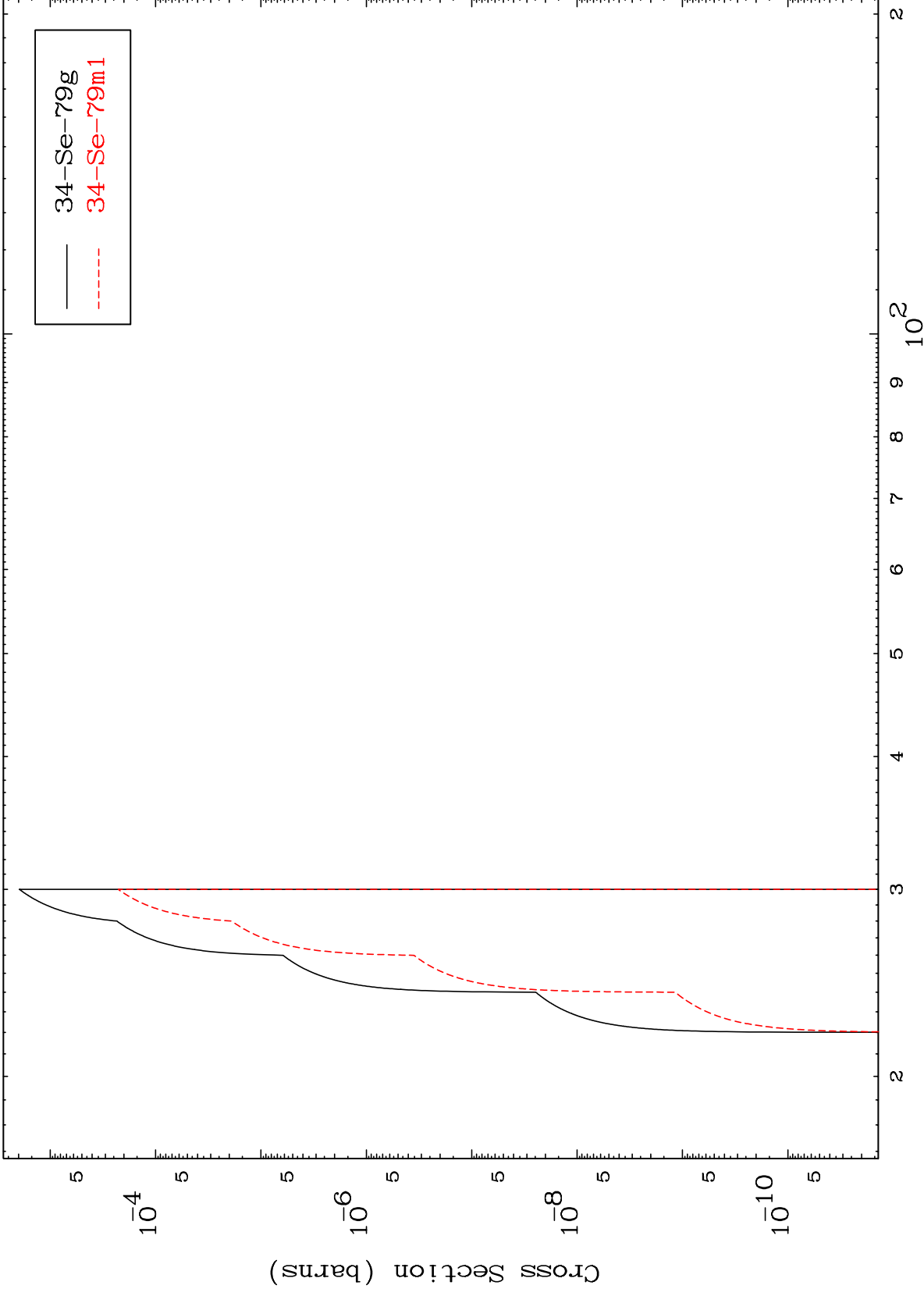


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$(n,2n) \alpha$

$^{34}\text{Se-81m}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

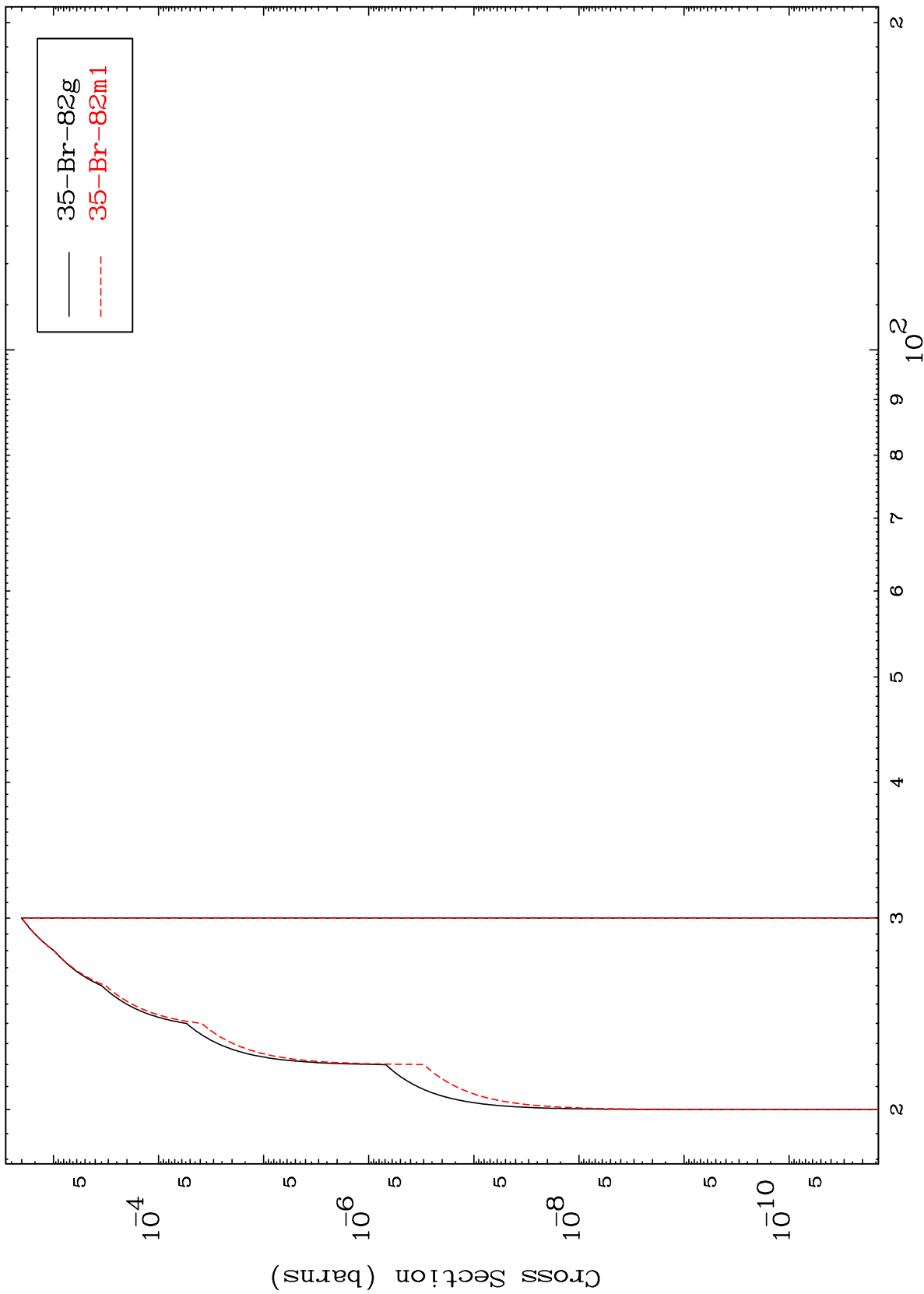
$^{34}\text{Se-81m}$

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(n,n') d

34-Se-81m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

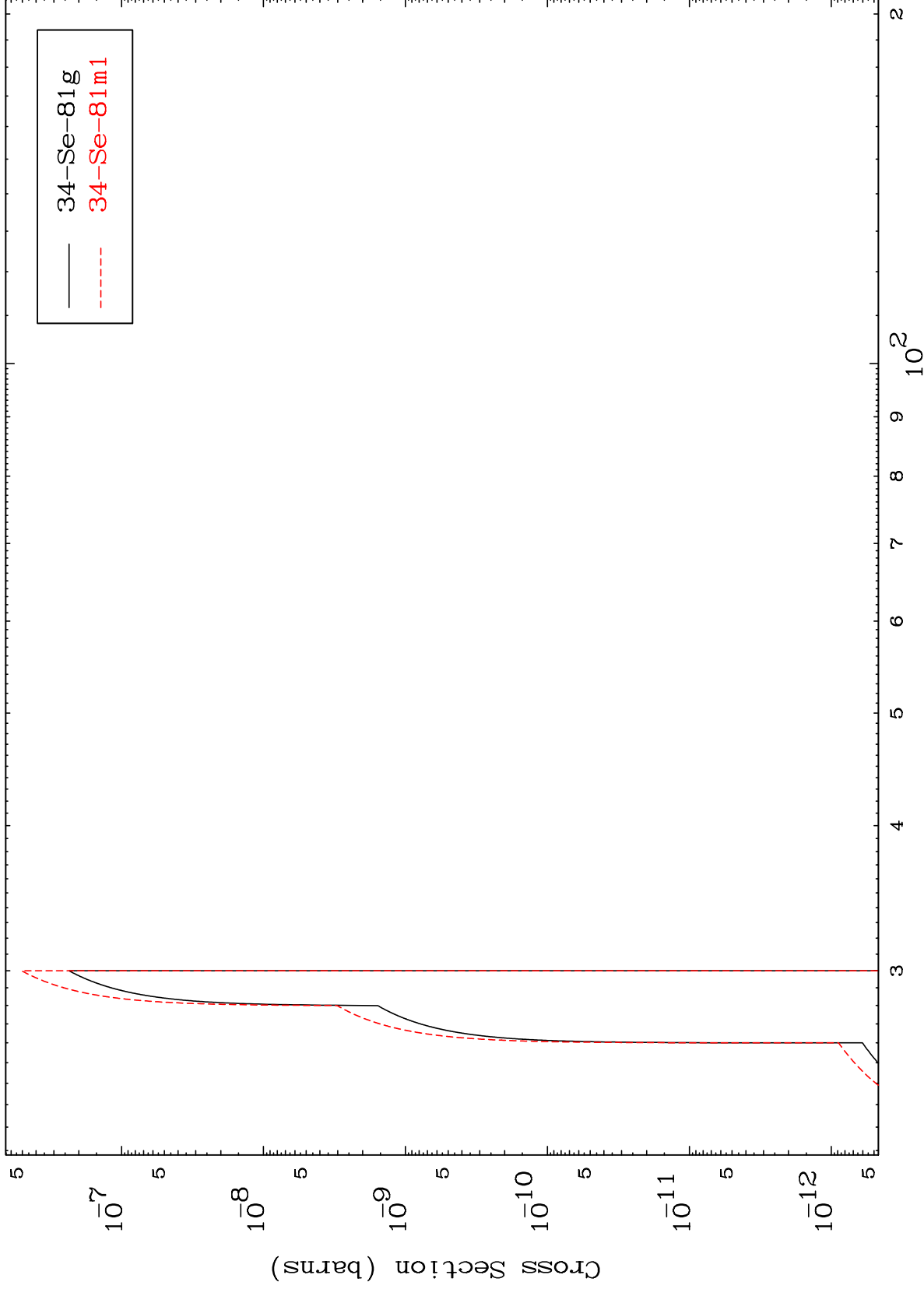
34-Se-81m

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(n,n') He-3

34-Se-81m

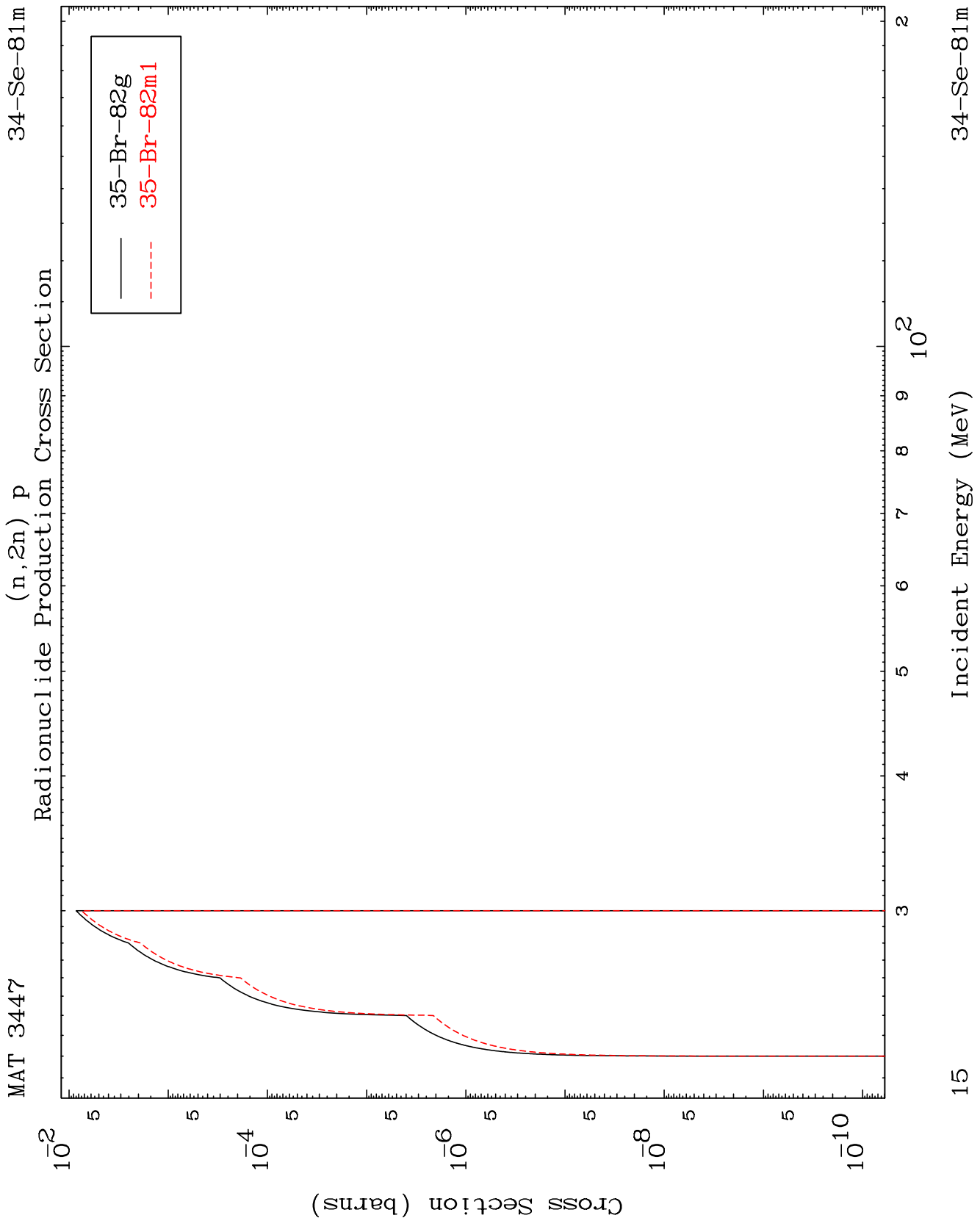
Radionuclide Production Cross Section



14

Incident Energy (MeV)

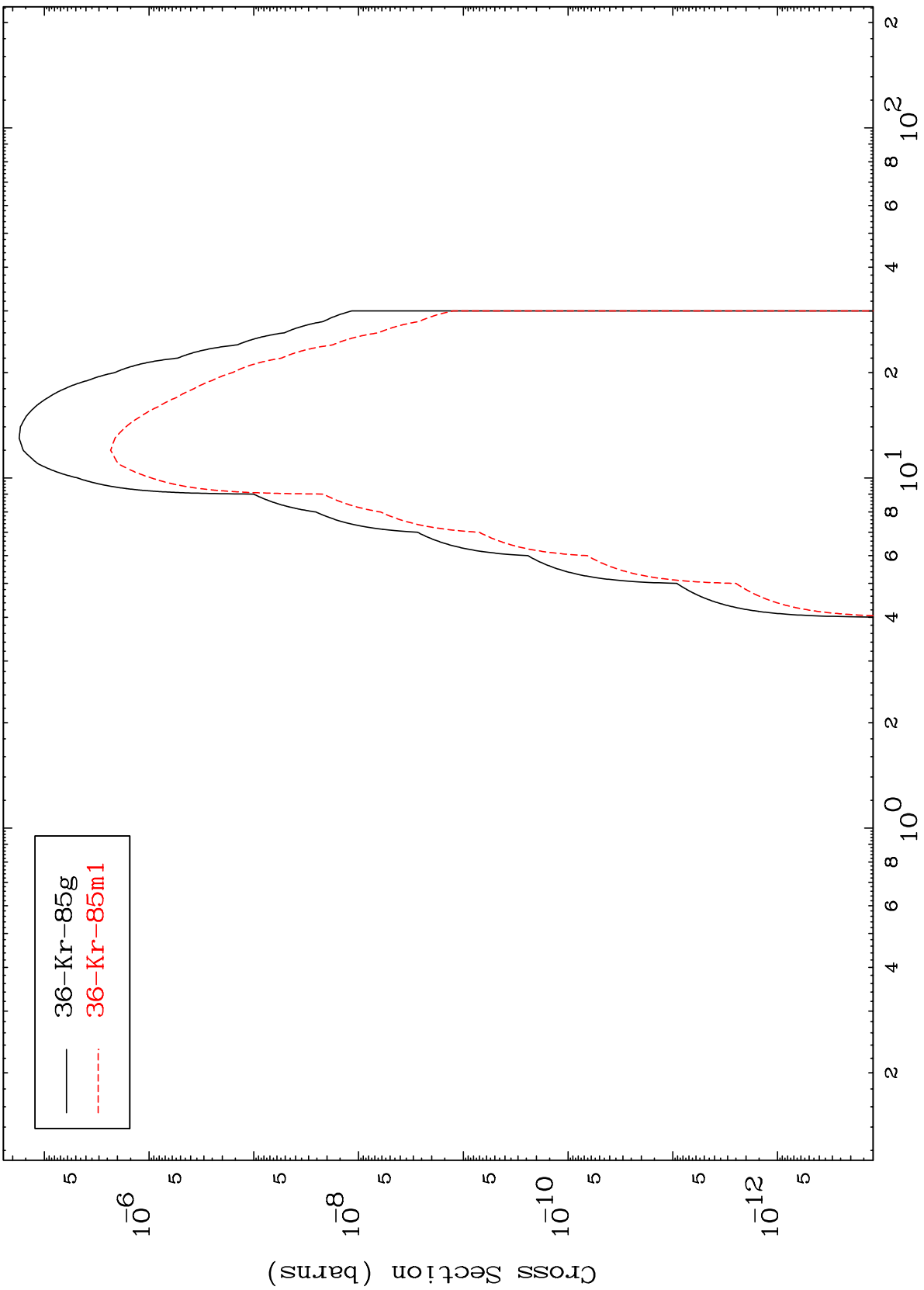
34-Se-81m



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³⁴Se-81m

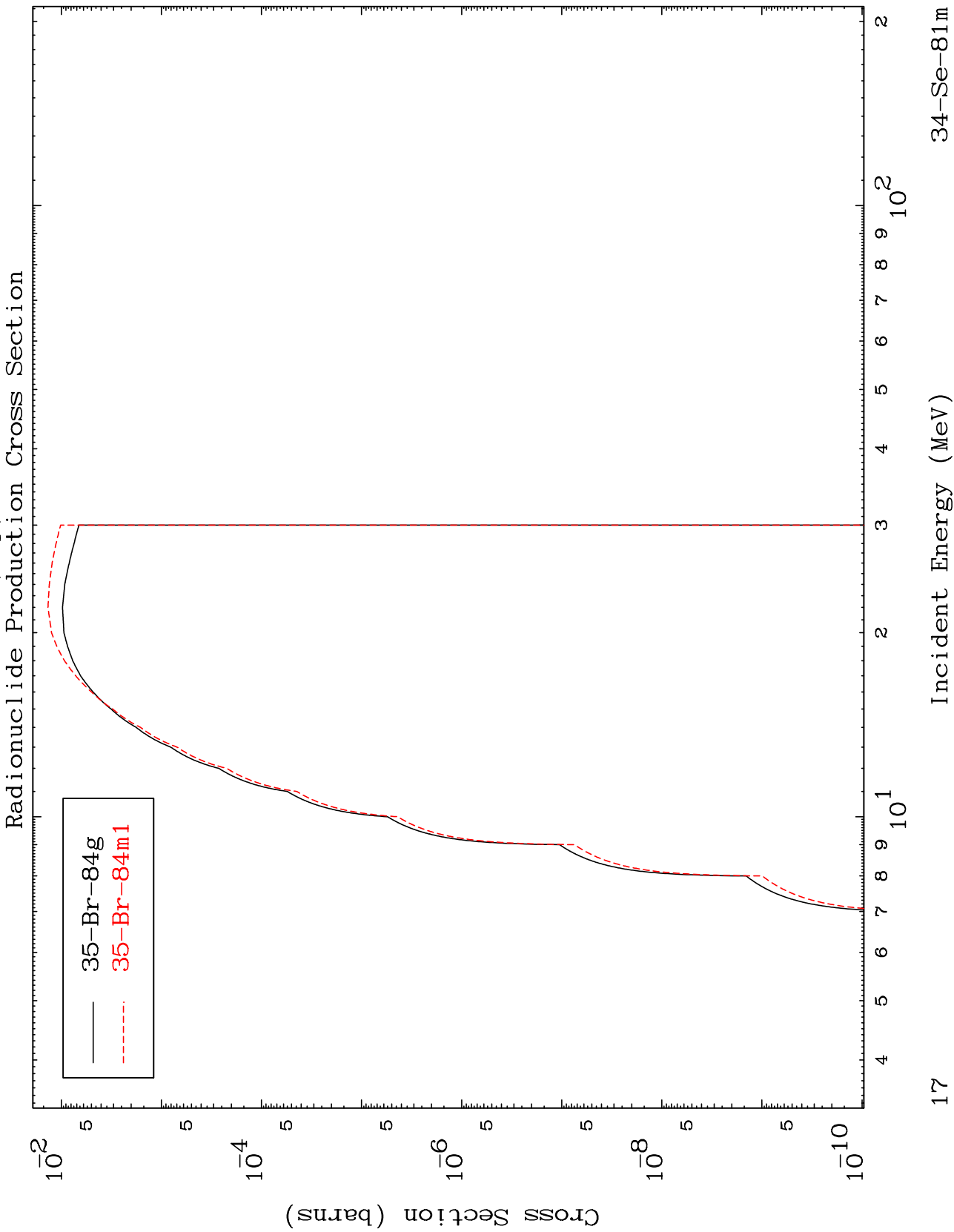
Radionuclide Production Cross Section (n,γ)



Legend:
— 36-Kr-85g
- - - 36-Kr-85m1

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³⁴Se-81m



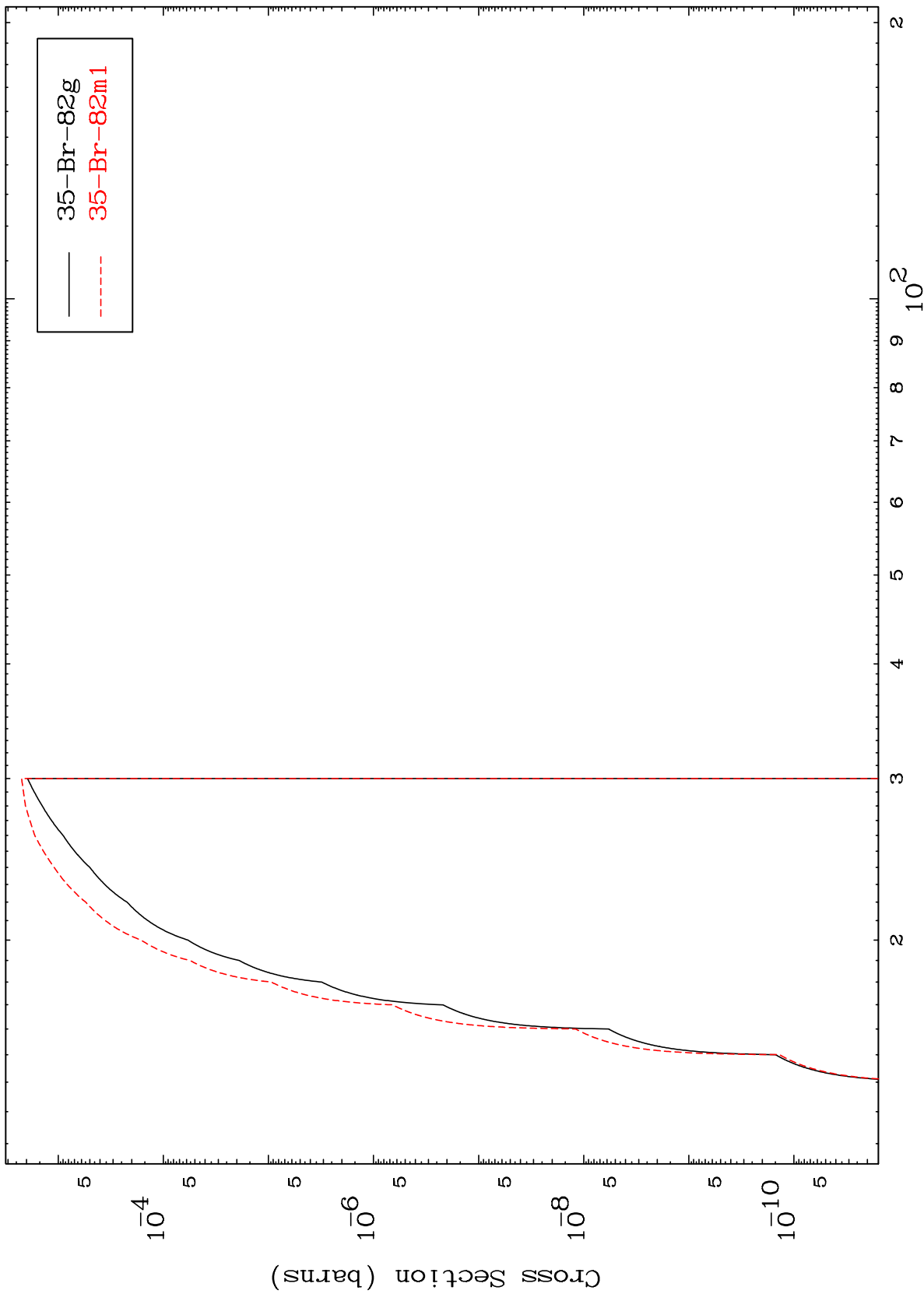
17

³⁴Se-81m

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34-Se-81m

(n,t)
Radionuclide Production Cross Section



18

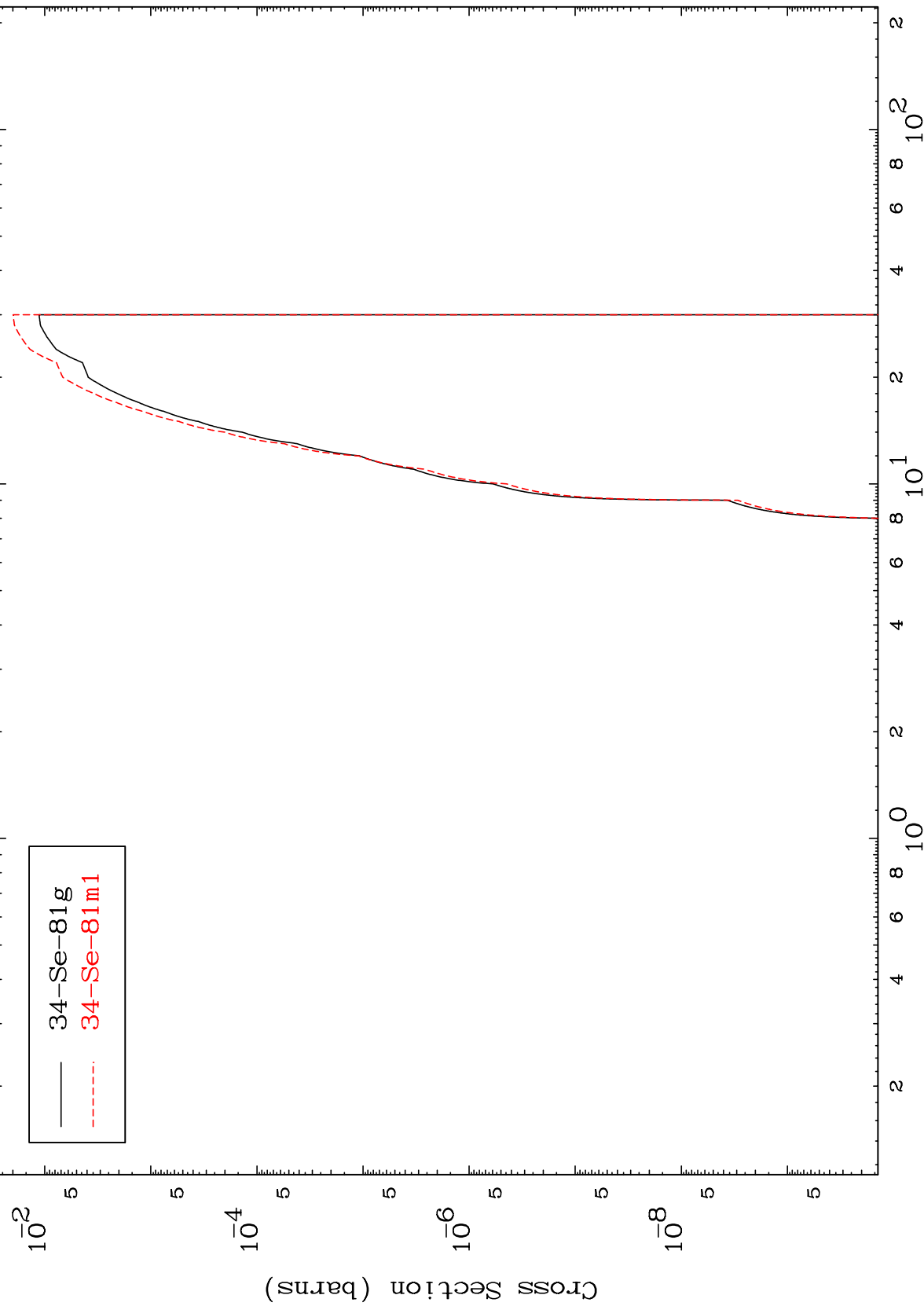
Incident Energy (MeV)

34-Se-81m

MAT 3447

³⁴Se-81m

Radionuclide Production Cross Section



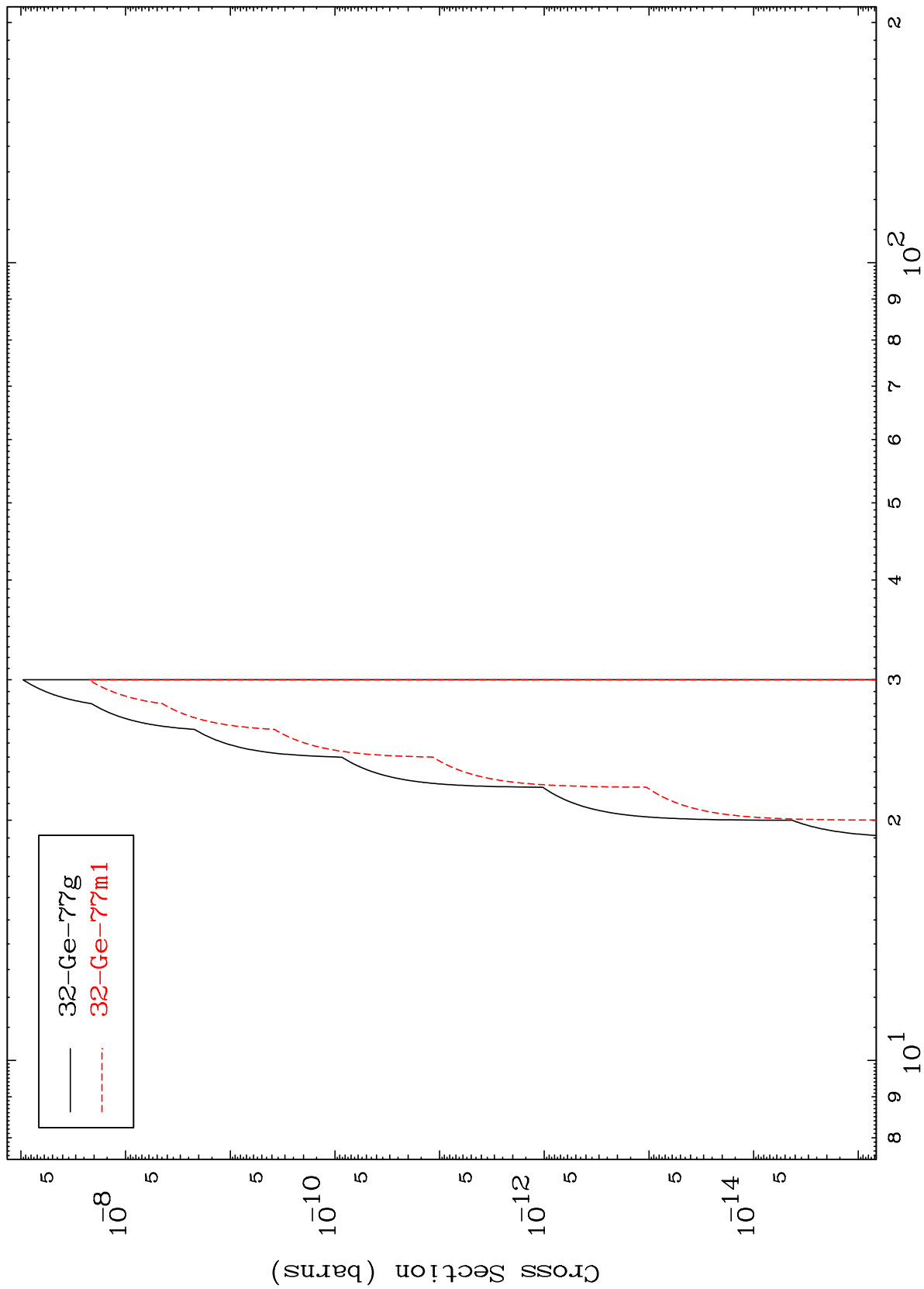
³⁴Se-81m

Incident Energy (MeV)

MAT 3447

³⁴Se-81m

Radionuclide Production Cross Section
(n,2α)



³⁴Se-81m

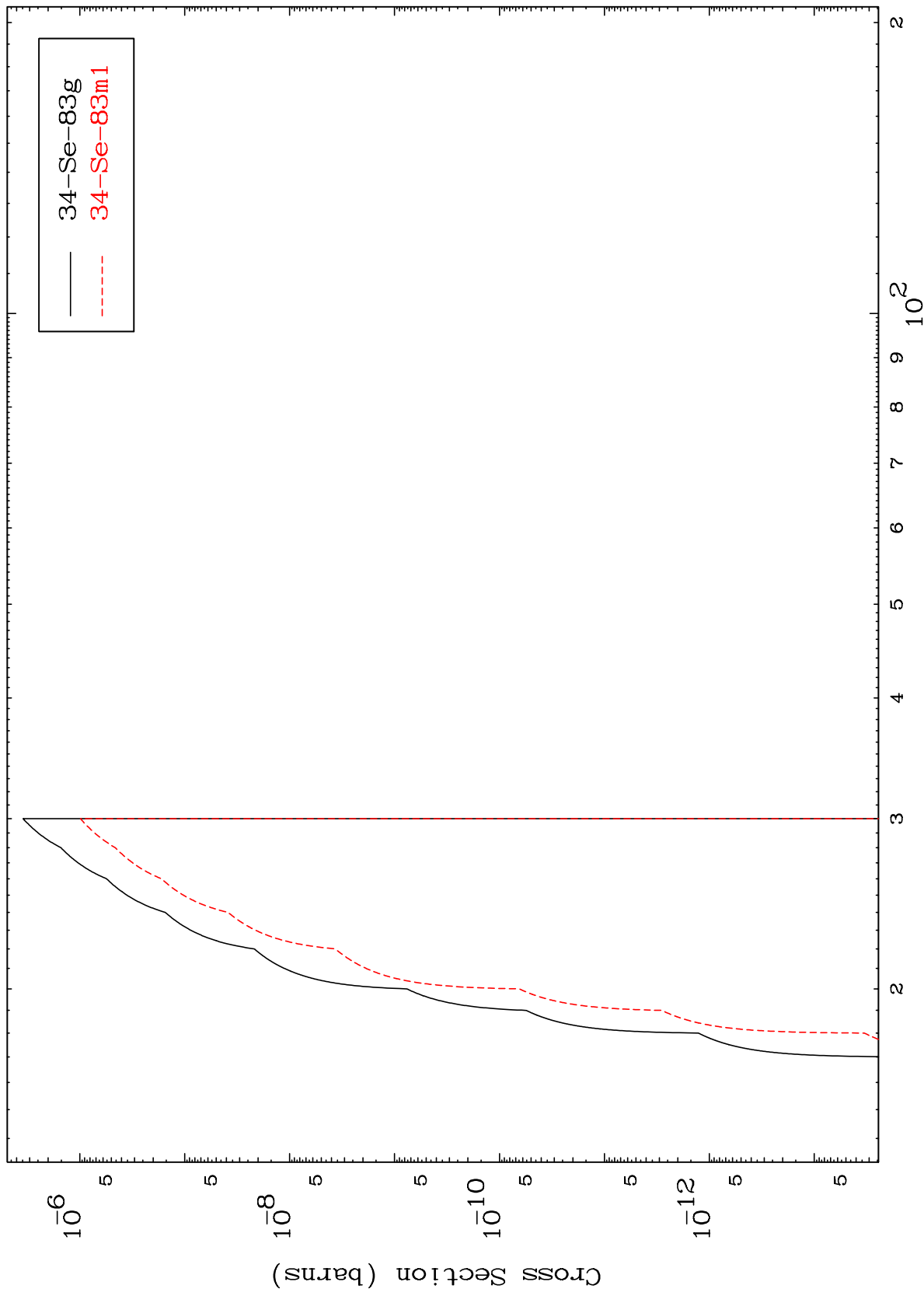
Incident Energy (MeV)

20

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34-Se-81m

(n,2p)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

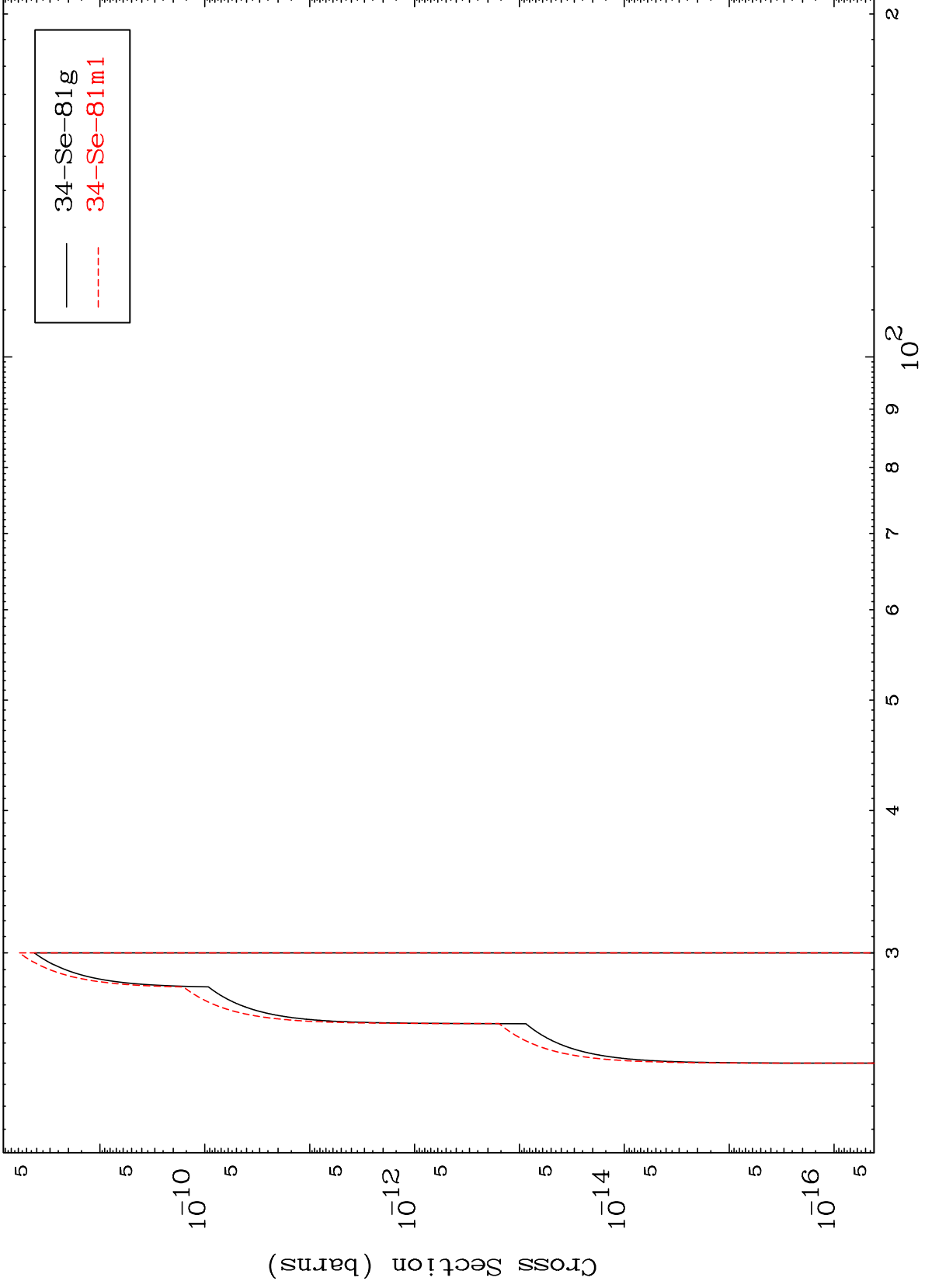
34-Se-81m

MAT 3447

(n,p) t

34-Se-81m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

34-Se-81m